

Review of Multiples, Factors, Factor Pairs, Prime Numbers, & Prime Factorization

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List the prime numbers through the thirties:

____, ____, ____, ____, ____, ____, ____, ____, ____, ____, ____, ____

1) List the first five multiples of 7:

____, ____, ____, ____, ____

2) List the factor pairs of 126.

3) List the factors of 126.

(This was not asked on the practice sheet- Multiples, Factors & Factor Pairs.)

____, ____, ____, ____, ____

____, ____, ____, ____, ____

____, ____

4) What factor pair(s) of 126 yield a difference of 11?

5) Give the prime factorization of 126.

126 = _____

6) List the first five multiples of 4:

7) List the factor pairs of 78.

8) List the factors of 78.

9) What factor pair(s) of 78 yield a sum of 29?

10) Give the prime factorization of 78.

11) Give the prime factorization of 42.

12) List the factor pairs of 42.

13) List the factors of 42.

14) What factor pair(s) of 42 yield a difference of 1?

15) List the first five multiples of 8.

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List the prime numbers through the thirties: *(There are twelve.)*

16) List the factor pairs of 105.

21) List the first five multiples of 9.

26) Give the prime factorization of 108.

22) List the factor pairs of 72.

17) Give the prime factorization of 105.

27) List the first five multiples of 6.

23) What factor pair(s) yield a difference of 14?

28) List the factor pairs of 108.

18) What factor pairs of 105 yield a sum of 38?

24) List the factors of 72.

19) List the first five multiples of 12.

25) Give the prime factorization of 72.

29) What factor pair(s) of 108 yield a difference of 23?

20) List the factors of 105.

30) List the factors of 108.